

AHP1CUSA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/010,114 Confirmation No.: 5743
Applicant : R. Boutin
Filed : November 13, 2001
Patent No. : 7,202,227
Issue Date: : April 10, 2007
TC/A.U. : 1645
Examiner :
Customer No. : 38199
Title : MULTIFUNCTIONAL MOLECULAR COMPLEXES FOR
GENE TRANSFER TO CELLS

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

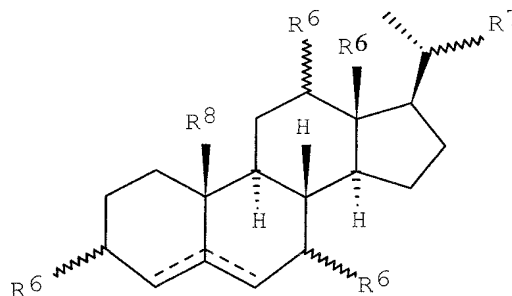
Sir:

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 35 USC SECTION 254 & 255

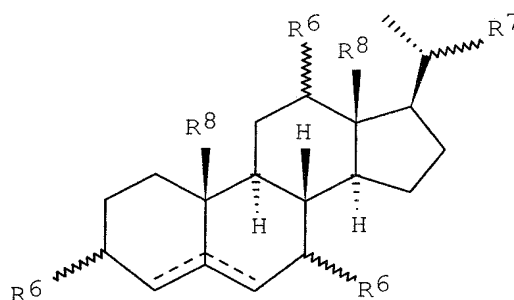
The following errors were found in the above-identified patent:

- (1) *Col. 2, line 42, replace "R. w." with -- R. W. -- ;
- (2) *Col. 6, line 33, replace "1253-1242" with -- 1235-1242 -- ;

- (3) Col. 11, lines 1-11, replace structure inserted below:

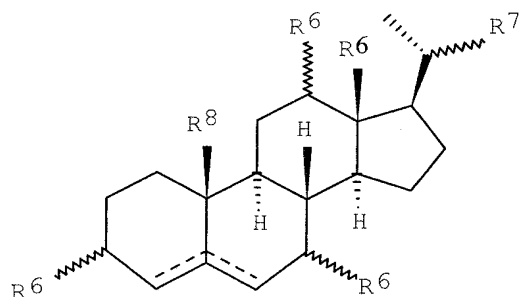


with

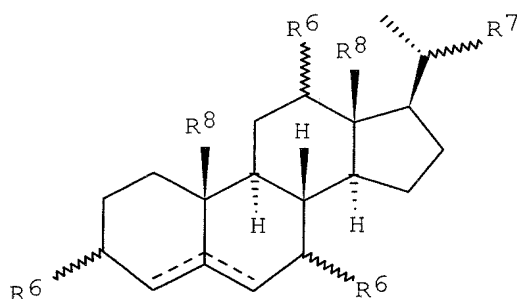


- (4) Col. 12, line 13, replace “(β-3)” with -- (β1-3’ -- ;
- (5) Col. 12, after line 15, insert “v) 5-methyltetrahydrofolate;”
- (6) Col. 13, line 15, replace “(β-3)” with -- (β1-3’ -- ;
- (7) *Col. 14, line 42, replace “be depend” with -- will depend -- ;
- (8) *Col. 14, line 61, replace “goups” with -- groups -- ;
- (9) Col. 17, line 21, replace “Baralambidis” with -- Haralambidis -- ;

- (10) Col. 17, line 31, replace “FAGVVIGLAALGVATAANTVTAAVALVK” with -- FAGVVIGLAALGVATAANVTAAVALVK -- ;
- (11) Col. 17, line 48, replace “GFFGAIAGFLEGGWEGMIAGWGYTSHG” with -- GFFGAIAGFLEGGWEGMIAGWHGYTSHG -- ;
- (12) Col. 18, lines 35-43, replace structure inserted below:



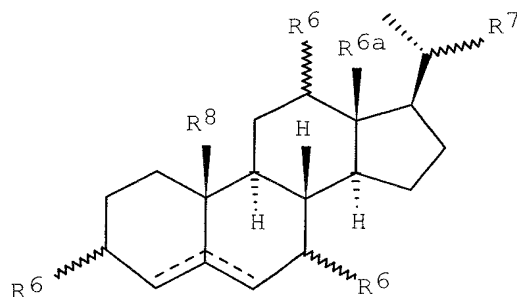
with



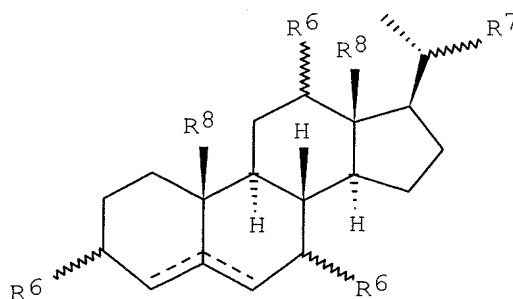
- (13) *Col. 20, line 25, replace “(β-3)” with -- (β1-3’ -- ;
- (14) Col. 20, line 50, replace “[N²,N⁶]” with -- “[N²’,N⁶]” -- ;
- (15) Col. 34, line 45, replace “(β-3” with -- “(β-3’ -- ;
- (16) Col. 34, line 52, replace “β-3-” with -- “β-3’- -- ;
- (17) Col. 35, line 31, replace “TPA” with -- TFA -- ;
- (18) *Col. 35, line 63, replace “galalactosyl” with -- galalactosyl -- ;

- (19) *Col. 37, line 33, replace “6,0” with -- 6.0 -- ;
- (20) *Col. 37, line 39, replace “[lysyl]” with -- lysyl] -- ;
- (21) Col. 37, line 47, replace “1” with -- “1% -- ;
- (22) *Col. 37, line 54, replace “proplonyl” with -- propionyl -- ;
- (23) Col. 37, line 60, replace “-3!-” with -- -3’- -- ;
- (24) Col. 39, line 43, replace “(CDC113)” with -- (CDC13) -- ;
- (25) Col. 40, line 9, replace “Na₂S₄),” with -- Na₂SO₄) -- ;
- (26) Col. 39, line 62, replace “N-“ with -- N⁴ -- ;
- (27) Col. 42, line 2, replace “-5-” with -- -5β- -- ;
- (28) Col. 44, line 4, replace “R_f” with -- R_f -- ;
- (29) Col. 45, line 18, replace “12α” with -- 12’α -- ;
- (30) Col. 45, line 45, replace “40” with -- 4° -- ;
- (31) Col. 46, line 40, replace “N⁸” with -- N¹² -- ;
- (32) *Col. 46, line 53, replace “an” with -- and -- ;
- (33) Col. 47, line 53, replace “N-” with -- N⁴ -- ;
- (34) Col. 48, line 38, replace “N₄” with -- N⁴ -- ;
- (35) *Col. 48, line 49, replace “wash” with -- washed -- ;
- (36) *Col. 49, line 10, replace “12-brmododecanoic” with -- 12-bromododecanoic -- ;
- (37) Col. 52, line 62, replace “N-” with -- N⁴ -- ;
- (38) Col. 71, line 9, Claim 11, replace “-(CR¹R²)_j-X-, where j=” with -- -(CR¹R²)_j-X-, where j’ -- ;
- (39) Col. 71, line 39, Claim 11, replace “♠4 or ♠5;” with -- Δ4 or Δ5; -- ;

- (40) Col. 71, line 41-42, Claim 11, replace “or $-\text{O}(\text{CH}_2\text{CH}_2\text{O})_n\text{H}$, where $n=$ ” with $-\text{O}(\text{CH}_2\text{CH}_2\text{O})_{n'}\text{H}$, where n' is”
- (41) Col. 71, lines 52-60, Claim 11, replace structure inserted below:



with



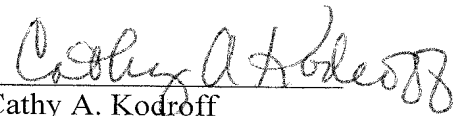
- (42) *Col. 75, line 16, Claim 38, delete “a” ;
- (43) *Col. 75, line 26, Claim 39, replace “ β -3” with $--\beta$ -3’- -- ;
- (44) Col. 76, line 42, Claim 42, replace “of” with -- or -- ;
- (45) Col. 76, line 51, Claim 44, insert after “components” -- to which said one or more endosome membrane disruption promoting components-- ;

It is requested that a Certificate of Correction be issued to correct the above errors in accordance with the enclosed Form PTO 1050, which is submitted herewith.

Because the errors numbered (1), (2), (7), (8), (13), (18), (19), (20), (22), (32), (35), (36), (42), and (43) are the applicants mistake, a fee is due. Enclosed is a check in the amount of \$100. These errors are typographical in nature and make no substantive changes. All other errors were made by the USPTO, no fee is due for correction of these errors.

The Director of the US Patent and Trademark Office is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees paid on the filing, or during prosecution of this application to Deposit Account No. 08-3040.

Respectfully submitted,
HOWSON & HOWSON LLP
Attorneys for the Applicants

BY 
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Fort Washington, PA 19034
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Telefacsimile: (215) 540-5818

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,202,227

APPLICATION NO. : 10/010,114

Page 1 of 9

ISSUE DATE : April 10, 2007

INVENTOR(S) : R. Boutin

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- (1) *Col. 2, line 42, replace "R. w." with -- R. W. -- ;
- (2) *Col. 6, line 33, replace "1253-1242" with -- 1235-1242 -- ;

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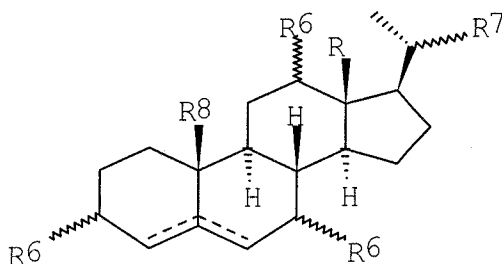
Page 2 of 9

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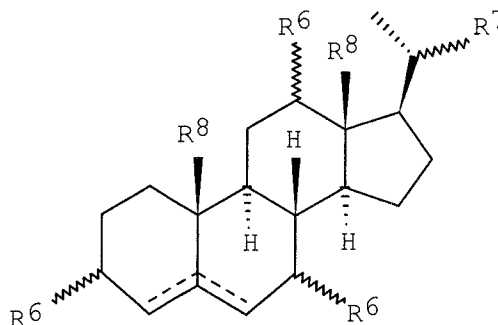
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(3) Col. 11, lines 1-11, replace structure inserted below:



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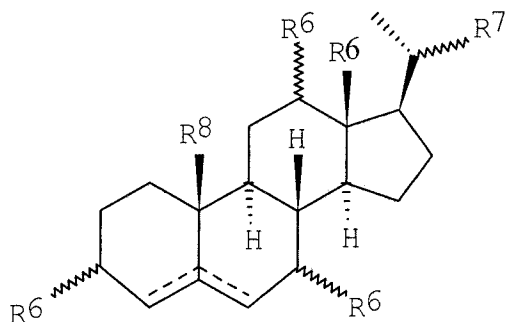
Page 4 of 9

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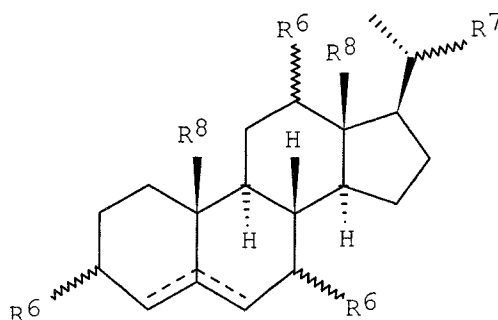
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(12) Col. 18, lines 35-43, replace structure inserted below:



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- (13) *Col. 20, line 25, replace “(β-3” with -- (β1-3’ -- ;
- (14) Col. 20, line 50, replace “[N²,N⁶” with -- “[N²,N⁶’ -- ;
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- (16) Col. 34, line 52, replace “β-3-” with -- “β-3’- -- ;
- (17) Col. 35, line 31, replace “TPA” with -- TFA -- ;
- (18) *Col. 35, line 63, replace “galalactosyl” with -- galalactosyl -- ;
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- (22) *Col. 37, line 54, replace “proplonyl” with -- propionyl -- ;

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- (23) Col. 37, line 60, replace “-3!-” with -- -3’- -- ;
- (24) Col. 39, line 43, replace “(CDC113)” with -- (CDCI3) -- ;
- (25) Col. 40, line 9, replace “Na₂S)₄,” with -- Na₂SO₄) -- ;
- (26) Col. 39, line 62, replace “N-“ with -- N⁴ -- ;
- (27) Col. 42, line 2, replace “-5-” with -- -5β- -- ;
- (28) Col. 44, line 4, replace “Rf” with -- R_f -- ;
- (29) Col. 45, line 18, replace “12α” with -- 12’’α -- ;
- (30) Col. 45, line 45, replace “40” with -- 4° -- ;
- (31) Col. 46, line 40, replace “N⁸” with -- N¹² -- ;
- (32) *Col. 46, line 53, replace “an” with -- and -- ;

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- (33) Col. 47, line 53, replace "N-" with -- N^4 -- ;
- (34) Col. 48, line 38, replace "N4" with -- N^4 -- ;
- (35) *Col. 48, line 49, replace "wash" with -- washed -- ;
- (36) *Col. 49, line 10, replace "12-brmododecanoic" with -- 12-bromododecanoic -- ;
- (37) Col. 52, line 62, replace "N-" with -- N^4 -- ;
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- (39) Col. 71, line 39, Claim 11, replace " $\clubsuit 4$ or $\clubsuit 5$;" with -- $\Delta 4$ or $\Delta 5$; -- ;
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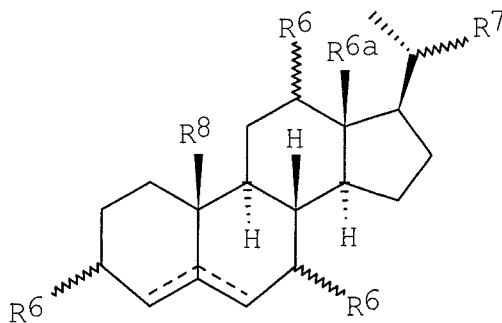
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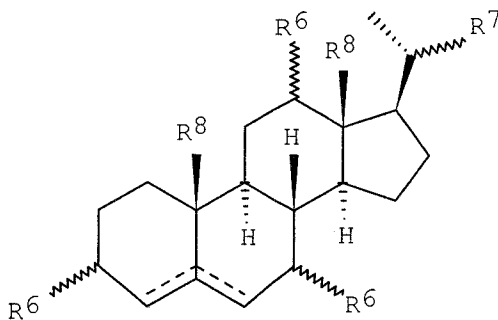
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- (42) *Col. 75, line 16, Claim 38, delete "a" ;
- (43) *Col. 75, line 26, Claim 39, replace " β -3'" with -- β -3'- -- ;
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